



Missouri

Lake City Army Ammunition Plant

Facility and Location

Lake City Army Ammunition Plant, located in Independence, is the largest small arms manufacturing plant in the world. Operating since 1941, the government-owned, contractor-operated facility manufactures and proof tests small arms ammunition. The site includes former open burn/open detonation (OB/OD) areas in which munitions items and production scrap were demilitarized.

Media Sampled and Findings

Drinking Water — In 2010, one sample reported no detection.

Groundwater — In 2011, two of nine samples detected perchlorate at 9.3 and 47.9 ppb. In 2010, 3 of 13 samples detected perchlorate from 8.72 to 78 ppb. In 2009, 4 of 18 samples detected perchlorate from 1.3 to 75 ppb. In 2008, 3 of 11 samples detected perchlorate from 1 to 75 ppb. In 2007, three samples reported no detection. Prior to 2007, 2 of more than 55 samples from four sites near an area where OB/OD operations occurred detected perchlorate with a high of 90 ppb.

Appropriate Actions

Groundwater samples are above the EPA and DoD Preliminary Remediation Goal of 15 ppb. Lake City's Record of Decision for site clean-up calls for continued monitoring of groundwater as concentrations have been decreasing with time.